

# **AN OPTICAL DEVICE AND METHOD OF MANUFACTURE THEREOF**

## **ABSTRACT OF THE DISCLOSURE**

The present invention provides an optical device and a method of manufacture thereof. In one embodiment, the method of manufacturing the optical device may include isolating an end of a first layer from a cladding layer located over a mesa structure that has been formed from a substrate. The end of the first layer may be isolated from the cladding layer by encapsulating the end between second and third layers located adjacent the mesa structure.